

ROLE OF PPH1 GENE IN PULMONARY HYPERTENSION

**Abstract of the Disclosure**

This invention provides a method of detecting whether a  
5 subject is either predisposed to or afflicted with a  
pulmonary disease which comprises (1) obtaining a suitable  
sample from the subject; (2) detecting in the sample a bone  
morphogenetic protein receptor-II mutation which is not  
10 present in wildtype bone morphogenetic protein receptor-II,  
wherein the presence of a mutation indicates that the  
subject is predisposed to or afflicted with the pulmonary  
disease. In one embodiment, the pulmonary disease is  
Familial Primary Pulmonary Hypertension.

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